

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------------|--|------------------|---------|------------------|
| L1 | 5 | "571390".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/15 07:11 |
| L2 | 2 | "5701390".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/15 07:11 |
| S1 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:58 |
| S2 | 1395 | harmonic\$1 same noise same reduction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:29 |
| S4 | 0 | S2 and (mel and cepstrum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:30 |
| S5 | 8 | S2 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:32 |
| S6 | 78 | mel adj cepstral | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:33 |

EAST Search History

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| S7 | 76 | S6 and speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:33 |
| S8 | 46 | S7 and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:33 |
| S9 | 10 | S8 and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:35 |
| S10 | 0 | harmonic same noise same paramter same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:36 |
| S11 | 11 | harmonic same noise same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:38 |
| S12 | 4 | harmonic same noise same decompose and sinusoids | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:38 |
| S13 | 344 | (harmonic or voice or speech) same noise same (decompose or separate or split) and (sinusoid\$1 or exponential\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:46 |

EAST Search History

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|-----|-----|--|--|----|----|------------------|
| S14 | 562 | signal adj decomposition | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:46 |
| S15 | 135 | S14 and cos\$3 and sin\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:48 |
| S16 | 122 | S14 and (cos or cosine) and (sin or sine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:50 |
| S17 | 58 | S14 and (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 13:50 |
| S18 | 15 | S14 same (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 14:06 |
| S19 | 15 | S14 same (cos or cosine) and (sin or sine) and speech and random | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 14:24 |
| S23 | 2 | EP-899718-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 10:36 |

EAST Search History

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| S24 | 2945 | (decompos\$3 or separate or split) same (speech or harmonic) near signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:08 |
| S25 | 348 | (decompos\$3 or separate or split) same (speech or harmonic) near signal same parameter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:09 |
| S26 | 242 | S25 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:09 |
| S27 | 25 | S26 and sinusoid\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:09 |
| S28 | 0 | "10647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 15:58 |
| S29 | 1 | "10/647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 08:25 |
| S30 | 20 | "harmonic plus noise" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 16:49 |

EAST Search History

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| S31 | 34 | speech same recognition same system same harmonic same (random or noise) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 12:28 |
| S32 | 428 | energy same harmonic same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 12:30 |
| S33 | 47 | S32 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/20 14:54 |
| S34 | 412 | mel same cepstral same frequency same coefficient\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 09:33 |
| S35 | 2 | "20050071160" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 10:57 |
| S36 | 3 | harmonic same "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 11:10 |
| S37 | 26 | "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:14 |

EAST Search History

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| S38 | 228 | 704/228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:16 |
| S39 | 13 | S38 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:16 |
| S40 | 763 | 704/226.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/03 08:25 |
| S41 | 2 | "20010018655" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:24 |
| S42 | 0 | "signal\$1to\$1noise\$1ratio" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:36 |
| S43 | 137421 | signal same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:37 |
| S44 | 124192 | signal with noise with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:39 |

EAST Search History

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| S45 | 2 | "6965860".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 11:39 |
| S46 | 8 | ("4628529" "4811404" "5604839" "5655057" "5960395" "6098040" "6230122" "6542864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/25 11:41 |
| S47 | 0 | harmonics adj to adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:06 |
| S48 | 4 | harmonics adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:06 |
| S49 | 84 | harmonics with signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:07 |
| S50 | 4 | S49 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 08:28 |
| S51 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:29 |

EAST Search History

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|-----|--------|----------------------------------|--|----|----|------------------|
| S52 | 55 | harmonics with speech with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:47 |
| S53 | 129608 | noise with signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:49 |
| S54 | 2410 | S53 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:48 |
| S55 | 974 | S54 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:48 |
| S57 | 22198 | noise adj3 signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:49 |
| S58 | 642 | S57 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 10:49 |
| S59 | 304 | S58 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/07 11:31 |

EAST Search History

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|-----|-------|--|--|----|-----|------------------|
| S66 | 1062 | 704/226,227,228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:10 |
| S67 | 165 | 704/227.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:15 |
| S68 | 33608 | (harmonic\$1 or speech) same noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:57 |
| S69 | 15564 | S68 and noise with (suppress or reduc\$4 or eliminat\$3 or cancel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:58 |
| S70 | 2022 | S69 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:58 |
| S71 | 407 | S70 and 704/226.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 07:59 |
| S72 | 49 | S71 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 08:17 |

EAST Search History

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| S73 | 98 | S70 and 704/228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 08:17 |
| S74 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S75 | 362 | (decompos\$3 or separate or split) same (speech or harmonic) near signal same parameter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S76 | 253 | S75 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S77 | 27 | S76 and sinusoid\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S78 | 89 | mel adj cepstral | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S79 | 86 | S78 and speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

EAST Search History

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| S80 | 1445 | harmonic\$1 same noise same reduction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S81 | 0 | S80 and (mel and cepstrum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S82 | 596 | signal adj decomposition | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S83 | 54 | S79 and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S84 | 359 | (harmonic or voice or speech) same noise same (decompose or separate or split) and (sinusoid\$1 or exponential\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S85 | 3053 | (decompos\$3 or separate or split) same (speech or harmonic) near signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S86 | 15 | S82 same (cos or cosine) and (sin or sine) and speech and random | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

EAST Search History

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| S87 | 4 | harmonic same noise same decompose and sinusoids | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S88 | 12 | harmonic same noise same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S89 | 0 | harmonic same noise same paramter same decompose | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S90 | 2 | EP-899718-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S91 | 142 | S82 and cos\$3 and sin\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S92 | 0 | "10647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S93 | 13 | S83 and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

EAST Search History

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|------|-----|---|--|----|----|------------------|
| S94 | 11 | S80 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S95 | 128 | S82 and (cos or cosine) and (sin or sine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S96 | 1 | "10/647586" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S97 | 15 | S82 same (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S98 | 62 | S82 and (cos or cosine) and (sin or sine) and speech and noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S99 | 21 | "harmonic plus noise" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S100 | 436 | energy same harmonic same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

EAST Search History

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|----------|-----|--|--|----|----|------------------|
| S10 1 | 51 | S100 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 2 | 34 | speech same recognition same system same harmonic same (random or noise) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 3 | 461 | mel same cepstral same frequency same coefficient\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 4 | 2 | "20050071160" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 5 | 3 | harmonic same "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 6 | 235 | 704/228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 7 | 16 | S106 and mel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

EAST Search History

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| S10 8 | 27 | "mel spectrum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S10 9 | 796 | 704/226.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 0 | 2 | "20010018655" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 1 | 0 | "signal\$1to\$1noise\$1ratio" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 2 | 143244 | signal same noise same ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 3 | 129608 | signal with noise with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 4 | 8 | ("4628529" "4811404" "5604839" "5655057" "5960395" "6098040" "6230122" "6542864").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/08 10:24 |

EAST Search History

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| S11 5 | 2 | "6965860".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 6 | 84 | harmonics with signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 7 | 4 | S116 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 8 | 129608 | noise with signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S11 9 | 2410 | S118 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 0 | 974 | S119 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 1 | 55 | harmonics with speech with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |

EAST Search History

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| S12 2 | 22198 | noise adj3 signal with ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 3 | 4 | harmonics adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 4 | 0 | harmonics adj to adj signal adj ratio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 5 | 2 | "6029128".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 6 | 642 | S122 same speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 7 | 304 | S126 and "704".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 10:24 |
| S12 8 | 1062 | 704/226,227,228.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 10:24 |

EAST Search History

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|----------|----|--|--|----|----|------------------|
| S12 9 | 79 | ((multipl\$4 scal\$4 appl\$4) adj (factor parameter constant weight))with ((speech harmonic) same noise) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 16:28 |
|----------|----|--|--|----|----|------------------|